EAST SEARCH HISTORY

Databases:		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

Ref#	Hits	Search Text
S1	1	10/622978
S2	6	snoeren and karssemeijer
S3	2	10/623191
S4	6	(("6516045") or ("5491627") or ("6075879")).PN.
S5	4	09/992059 or "10/079327" or "10/142704"
S6	90	X-RAY IMAGE PROCESSING.ti.
S9	27	brady-john$.in.
S7	56	X-RAY IMAGE PROCESSING.ti.
S8	374	brady-j$.in.
S10	95	x-ray and mammogram and medical and image and exposure and thickness and tissue and energy
S11	92	S10 and detect$4
S12	3124	(382/128,132).CCLS.
S14	17	x-ray and mammogram and medical and image and exposure and tissue and energy and S12
S29	18	(US-20010033681-$).did. or (US-5930327-$ or US-6282305-$ or US-6058322-$ or US-5657362-$ or US-5854851-$ or US-5946407-$ or US-5970164-$ or US-5212637-$ or US-5452367-$ or US-5598481-$ or US-5627907-$ or US-5666434-$ or US-5673332-$ or US-5740268-$ or US-4907156-$ or US-5172419-$ or US-5133020-$).did.
S30	9	S29 and (database or archive)
S32	6	S30 and energy
S13	9	S11 and S12
S33	23	x-ray and mammogram and medical and image and (database or memory or archive).ab.
S24	0	x-ray and mammogram and medical and image and (database or memory) and (remove near exposure)
S15	4	("5003979" | "5642936" | "5733739" | "5800347").PN.
S16	23	x-ray and mammogram and medical and image and exposure and tissue and energy and detect$4 and fat
S17	45	x-ray and mammogram and medical and image and exposure and tissue and fat
S18	22	S17 not S16
S19	29	("4302672" | "4403337" | "4597094" | "4641267" | "4819258" | "4868651" | "4887305" | "4907156" | "4937682" | "5003979" | "5042077" | "5046118" | "5048110" | "5072384" | "5079698" | "5133020" | "5134668" | "5150421" | "5164993" | "5212637" | "5224036" | "5224177" | "5231580" | "5270530" | "5289374" | "5289520" | "5297036" | "5305365" | "5319549").PN.
S20	65	(digital adj3 image) and (xray or "x-ray") and exposure and tissue and fat and enhanc$5 and medical and abnormalities
S21	137	x-ray and mammogram and medical and image and (database or memory) and exposure
S22	127	S21 and detect$4 and (compar$4 and (database or memory))
S23	45	S21 and detect$4 and (compar$4 same (database or memory))
S34	10	("5452367" | "5491627" | "5537485" | "5572565" | "5579360" | "5657362" | "5815591" | "5941832" | "5982917" | "5999639").PN.
S35	2	x-ray and mammogram and image and (remove$3 near exposure)
S36	52	x-ray and mammogram and image and subtraction and medical and exposure

S37	21	(US-20010033681-$).did. or (US-5930327-$ or US-6282305-$ or US-6058322-$ or US-5657362-$ or US-5854851-$ or US-5946407-$ or US-5970164-$ or US-5212637-$ or US-5452367-$ or US-5598481-$ or US-5627907-$ or US-5666434-$ or US-5673332-$ or US-5740268-$ or US-4907156-$ or US-5172419-$ or US-5133020-$ or US-5740267-$ or US-5761334-$ or US-
S38	9	S37 and "neural network"
S40	2	("5,133,020").PN.
S27	2	x-ray and mammogram and medical and image and (archive) and (remove$3 same exposure)
S28	18	x-ray and mammogram and medical and image and (archive) and exposure
S26	4	("4907156" | "5133020" | "5260871" | "5452367").PN.
S25	19	x-ray and mammogram and medical and image and (database or memory) and (remove$3 same exposure)
S31	9	S30 and exposure
S41	13	S37 and (learn$3 or adapt33 or "neural network")
S39	8	x-ray and mammogram and image and ((remov$4 or eliminat$4 or reduce) near exposure)
S48	69	S46 and exposure
S49	42	x-ray and mammogram and medical and image and (reconstruct$3) and exposure and original
S42	8	S41 and (subtraction or brightness)
S43	0	S37 and grandular
S44	4	S37 and glandular
S50	10	x-ray and mammogram and medical and image and (reconstruct$3 same "original image") and exposure
S45	8	S37 and (revert$4 or reverse$2)
S46	130	x-ray and mammogram and medical and image and (revert or reverse)
S47	0	S46 and exposurew
S51	93	x-ray and mammogram and medical and image and glandular
S52	0	x-ray and mammogram and medical and image and "mammory gland"
S53	69	x-ray and mammogram and medical and image and "mammary gland"
S54	63	x-ray and mammogram and medical and image and kVp
S57	1	x-ray and mammogram and image and (milli adj2 ampere adj2 seconds)
S58	1	x-ray and mammogram and image and ("milli ampere" adj2 seconds)
S59	926	x-ray and image and (mas)
S63	104	S62 and (range same mAs)
S64	38	S62 and ((typical or standard or average) same range same mAs)
S55	1	x-ray and mammogram and medical and image and (milli adj ampere)
S56	29	x-ray and mammogram and medical and image and (mAs)
S65	0	S62 and (((typical or standard or average) adj2 range) same mAs)
S67	3	x-ray and mammogram and medical and image and (compar$4 same mammogram same other)
S68	52	x-ray and mammogram and medical and image and (compar$4 same mammogram same (other or different))
S60	1	x-ray and mammogram and medical and image and ("milli-amperes")
S61	1	x-ray and mammogram and medical and image and ("milli amperes")
S62	788	S59 and range
S66	1	S62 and (((typical or standard or average) adj5 range) same mAs)
S95	10	medical and image and (archive or memory or database or storage) and (compare near "x-ray")
S70	103	x-ray and mammogram and medical and image and (compar$4 same (mammogram or image) same (other or different) same (system or algorithm))
S69	18	x-ray and mammogram and medical and image and (compar$4 same mammogram same (other or different) same (system or algorithm))
S71	0	S69 not S68
S72	0	x-ray and mammogram and medical and image and (compar$4 same (mammogram or image) same ("with other" or "with different") same (system or algorithm))

S73	79	S70 not S68
S74	439	mammography systems
S75	51	mammography systems same compar$5
S76	0	with other mammography systems
S77	0	other mammography systems
S79	155	((other or different) adj (systems or algorithms or mammograms or images)) and mammogram and "x-ray"
S80	2	((other) adj (systems or algorithms or mammograms or images)) and mammogram and "x-ray"
S78	0	(other adj (systems or algorithms)) and mammogram and "x-ray"
S81	8	(compar$4 adj3 other) and mammogram and "x-ray"
S84	41	mammogram and medical and image and "x-ray" and (archive or memory or database) and (compare same (mammograms or images))
S85	32	S84 not S83
S82	0	("other systems") and mammogram and "x-ray"
S83	9	mammogram and medical and image and "x-ray" and (archive or memory or database) and (compare near (mammograms or images))
S89	0	medical and image and (archive or memory or database or storage) and (compare near (mammograms or images) near original)
S87	226	medical and image and (archive or memory or database or storage) and (compare near (mammograms or images))
S86	1426	medical and image and (archive or memory or database or storage) and (compare same (mammograms or images))
S88	0	medical and image and (archive or memory or database or storage) and (compare near (mammograms or images) near standard)
S90	3	medical and image and (archive or memory or database or storage) and (compare near (mammograms or images)) and ("mammography systems")
S93	11	medical and image and (archive or memory or database or storage) and (compare same (mammogram))
S94	284	medical and image and (archive or memory or database or storage) and (compare same "x-ray")
S92	0	medical and image and (archive or memory or database or storage) and (compare near (mammogram))
S91	0	medical and image and (archive or memory or database or storage) and (compare near (mammograms))
S96	77	medical and image and (archive or memory or database or storage) and (compare same different same "x-ray")
S113	396	((algorithms or methods) near compar$4) and "x-ray" and medical and images
S112	1167	((algorithms or methods) near compar$4) and "x-ray" and medical
S122	29	r2 technology.asnm.
S114	13	((algorithms or methods) near compar$4) and "x-ray" and medical and images and mammogram
S126	1	S123 and ("x-ray" and image and thickness).clm.
S121	23	(MARSHALL adj JULIAN)
S125	1	S123 and ("x-ray" and image and optimiz$4).clm.
S123	46	S120 or S121 or S122
S124	6	S123 and ("x-ray" and image).clm.
S127	1	S123 and ("x-ray" and image and exposure).clm.
S120	21	(ROEHRIG adj JIMMY)
S119	17	mammogram and (attenuation adj2 (constant or coefficient)) and fat and tissue
S117	51	standard mammogram
S101	71	((systems) near compar$4 near different)

S116	1	different mammography systems
S118	11	standard mammograms
S100	0	((systems) near compar$4 near different near images)
S115	33	((algorithms or methods) near compar$4) and "x-ray" and medical and images and mammography not S114
S98	2	((mammogra$4 adj systems) near different)
S105	1045	medical images and compar$5 and systems and "x-ray"
S99	1	((mammogra$4 adj systems) near compar$4)
S111	2478	((algorithms or methods) near compar$4) and "x-ray"
S110	64	((algorithms or methods) near compar$4) and "medical images"
S107	95	S106 and mammogram
S104	37	(different adj4 systems adj4 compar$5) and "x-ray"
S109	6	(algorithms near compar$4) and mammograms
S108	4	(algorithms near different near compar$4) and mammograms
S106	642	S105 and network
S103	4407	(different adj4 systems) and "x-ray"
S97	1	((mammogra$4 adj systems) near different near compar$4)
S102	3	S101 and "x-ray"

GOOGLE SCHOLAR SEARCH

mammogram "x ray" exposure remove database -patent image
mammogram mAs "x-ray " range -patent
mammogram "typical range" mAs "x-ray " -patent
mammogram spectra range mAs "x-ray " -patent
mammogram range "milliamperes" "x-ray " -patent
attenuation fat tissue mammogram
attenuation coefficient fat tissue mammogram
attenuation coefficient fat tissue mammogram thickness